Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 4/5/2016, 4/6/2016, 4/7/2016	Man Days: 3
Inspection Unit: Maryville	
Location of Audit: Maryville	
Exit Meeting Contact: Robert Roth	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty	
	Peoria, IL 61602	
	Emergency Phone#: (800) 755-5000	
	Fax#:	
Official or Mayor's Name:	Ron Pate	
	Phone#: (217) 424-6518	
	Email:	
Inspection Contact(s)	Title	Phone No.
Chuck Tebbe	Quality Assurance	
Robert Roth	Supt. Quality Assurance	

Gas System Operations	Status
Gas Transporter	NGPL,& Enable
Annual Report (Form 7100.1-1) reviewed for the year:	Not Checked
General Comment:	•
The annual report is in the Pawnee Training Center.	
Unaccounted for Gas	Not Checked
General Comment:	•
The annual report is in the Pawnee Training Center.	
Number of Services	Not Checked

General Comment:		
The annual report is in the Pawnee Training Center.		
Miles of Main		Not Checked
General Comment:		
The annual report is in the Pawnee Training Center.		
Is the operator maintaining documentation verifyin	g their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
General Comment:		
The transmission records are in the Decatur Plaza, the distribu	tion records are on the regulator station inspection sheets.	
Operating Pressure (Feeder)		Various
Operating Pressure (Town)		Various
Operating Pressure (Other)		Various
MAOP (Feeder)		Various
MAOP (Town)		Various
MAOP (Other)		Various
Does the operator have any transmission pipelines	s?	Yes
Regulatory	Reporting Records	Status
Category Comment:		
The incidents reports are in the Pawnee Training Center.		
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Checked
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	Not Checked
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	Not Checked
Did the operator have any plastic pipe failures in the	ne past calendar year?	No
General Comment:		
No plastic pipe failures in the year of 2014.		
Did the operator take action to mitigate safety concomponents?	cerns relating to the failure of the PE or pipeline	Not Checked
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Checked
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Checked

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[192.16(c)]	Customer Notification: Has the operator notified each new customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	Not Checked
TE	EST REQUIREMENTS	Status
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Not Checked
General Comment:		
The record for piping that operates above 100 psig wi	ll be in the Decatur Plaza.	
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
General Comment:		
Pressure test records are being maintained for at leas	at the last 5 years.	
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	Satisfactory
General Comment:	·	
Service lines that have been temporarily disconnected	d have been tested the same as a new service line.	
	UPRATING	Status
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
General Comment:	·	
The operator did not uprate the gas system over 30%	SMYS in the calendar year of 2014.	
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Applicable
General Comment:		
No uprating activities were done in 2014.		
	OPERATIONS	Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Not Checked
General Comment:	·	
The operator records are kept in the Pawnee Training	Center.	
Has the operator conducted a review of the	Operator Qualification Plan once per yr/15 months?	Not Checked
General Comment:		

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The operator qualification records are kept in the	Pawnee Training Center.	
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
General Comment:	·	
Construction records and maps are available to o	pperating personnel.	
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
General Comment:	•	
Personnel's work is being reviewed for effectivene	ess of the O&M procedures.	
CONTIN	UING SURVEILLANCE RECORDS	Status
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Not Checked
General Comment:	•	
The continuing surveillance records are kept in th	ne Pawnee Training Center.	
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	Not Applicable
General Comment:	12 :	
Ameren Maryville has no cast iron in the gas syst	tem.	
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	Not Applicable
General Comment:	•	
Ameren Maryville has no cast iron in the gas syst	tem.	
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	Not Applicable
General Comment:	•	
Ameren Maryville has no cast iron in the gas syst	tem.	
[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	Not Applicable

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General Comment:		
Ameren Maryville has no cast iron in the gas sys	tem.	
DAM	AGE PREVENTION RECORDS	Status
Category Comment:		
The damage prevention records are kept in the F	Pawnee Training Center.	
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
Has the number of damages increased	or decreased from prior year?	Not Checked
[192.603(b)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
Does the operator have a Quality Assu facilities?	rance Program in place for monitoring the locating and marking of	Not Checked
Do pipeline operators include performa	nce measures in facility locating contracts?	Not Checked
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Not Checked
Has the Operator adopted applicable so	ections of the Common Ground Alliance Best Practices?	Not Checked
Were Common Ground Alliance Best P	ractices discussed with the Operator?	Not Checked
EMERGENCY PLANS		Status
Category Comment:		
The emergency plan records are kept at the Paw	vnee location.	
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Not Applicable
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Not Applicable
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Not Applicable
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Not Applicable

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[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Not Applicable
	ODORIZATION OF GAS	Status
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	Satisfactory
General Comment:		
The records for odorant levels were checked for	the year of 2014, with the records meeting the code requirements.	
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
General Comment:		
Tanks level records were inspected for the year	of 2014.	
[192.603(b)][192.625(f)(1)]	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	Not Applicable
General Comment:	•	
Ameren Illinois is not a master meter operator.		
[192.603(b)][192.625(f)(2)]	Has the master meter operator maintained documentation of sniff tests performed as required by this section?	Not Applicable
General Comment:	•	
Ameren Illinois is not a master meter operator.		
PATR	ROLLING & LEAKAGE SURVEY	Status
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	Satisfactory
General Comment:		
The operator patrolled the business district 4 time	es a year/41/2 months.	
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	Satisfactory
General Comment:		
The operator patrolled outside the business distr	rict 2 times a year/71/2 months.	
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	Satisfactory
General Comment:		
The operator did a business district leak survey	1 per year/15 months, for the year of 2014.	
<u> </u>		

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Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	Satisfactory
General Comment:	·	
The operator did an outside business district leak survey at	a minimum of every 4 years.	
YARD LI	NES - RESIDENTIAL	Status
[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	Satisfactory
General Comment:	•	
Ameren Illinois has a list of yard lines where the meter is me	ore than 3 feet from the wall of a residence.	
[192.463,220 ILCS 2.2.03][220 ILCS 2.2.03]	Has the operator determined if cathodic protection is required on these services?	Not Applicable
General Comment:	•	
Ameren Illinois does not protect piping after the outlet side of	of the meter set.	
[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	Satisfactory
General Comment:		
The operator leak surveyed all yard lines in the Maryville op	perating center for the year of 2014.	
ABANDONMENT or DEACT	IVATION of FACILITIES PROCEDURES	Status
Category Comment:		
Ameren Illinois did not have any abandonment lines in the y	/ear of 2014.	
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Not Applicable
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Not Applicable
[192.603(b)][192.727(d)]	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	Satisfactory

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General Comment:		
Documentation shows that when a customer is disco	ontinued a pin is placed in the shutoff valve at the meter set.	
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Not Applicable
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
General Comment:	•	•
There are no commercially navigable waterways in to	he Ameren Maryville territory.	
PRESSUR	E LIMITING AND REGULATION	Status
[192.603(b)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Satisfactory
General Comment:	·	
Pressure limiting stations were inspected 1 per year/	/15 months in 2014.	
[192.603(b)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
Capacity check is done every time a regulator station	n is checked.	
[192.603(b)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Satisfactory
General Comment:	·	
Capacity check is done every time a regulator station	n is checked.	
[192.603(b)][192.741(a),192.741(b)]	Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	Not Checked
General Comment:		
These records are kept in Gas Control in the Springf	field Office.	
[192.603(b)][192.741(c)]	If there were indications of abnormally high- or low- pressure, were actions taken to correct any unsatisfactory operating conditions?	Not Checked
General Comment:	•	

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These records are kept in Gas Control in the Springfield Office.		
[192.603(b)][192.743(a),192.743(b),192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	Not Checked
General Comment:		
These records are in the Decatur Plaza.		
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	Not Checked
General Comment:		
These records are in the Decatur Plaza.		
VALVE	MAINTENANCE	Status
[192.603(b)][192.747(a),192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
Valves were inspected for the year of 2014, and met the code in	equirements.	
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
General Comment:		
Ameren Illinois in Maryville has no vaults > 200 cubic feet in the	e system.	
Investiga	ation Of Failures	Status
[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	Not Checked
General Comment:		
Failure investigation records are kept in the Pawnee Training C	enter.	
WELDING	OF STEEL PIPE	Status
Category Comment:		
Welding records are in the Decatur Training Center.		
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	Not Checked
[192.603(b)][192.227,192.229]	Does the operator have documentation of welder qualification as required?	Not Checked
[192.807]	Does the operator have documentation of welder OQ records?	Not Checked
	Does the operator have documentation of NDT personnel	

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[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	Not Checked
JOINING OF I	MATERIAL OTHER THAN WELDING	Status
Category Comment:	<u> </u>	
Joining records are in the Pawnee Training Center.		
[192.603(b)][192.285]	Are persons making joints with plastic pipe qualified?	Not Checked
[192.603(b)][192.287]	Are persons inspecting plastic pipe joints qualified?	Not Checked
[192.603(b)][192.283]	Are qualified joining procedures for plastic pipe in place?	Not Checked
CORR	OSION CONTROL RECORDS	Status
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	Satisfactory
General Comment:		
Records are being kept on cathodically protected pi	ping for 2014.	
[192.491][192.459]	Has the operator maintained documentation of an examination when buried pipe was exposed?	Satisfactory
General Comment:		
Documentation is being kept on exposed piping.		
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory
General Comment:		
Documentation is being maintained on pipe to soil n	nonitoring that was performed in 2014.	
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory
General Comment:		
Rectifier records are being maintained for the year of	of 2014.	
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory

Critical bonds were inspected as code requires for the year	of 2014.	
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Satisfactory
General Comment:		
Remedial actions to correct deficiencies were taken in 2014		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Not Applicable
General Comment:		•
Maryville has no unprotected gas lines in the system.		
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	Satisfactory
General Comment:	·	
Casing records for 2014 met the code requirements.		
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
General Comment:	<u>, </u>	
The operator believes that they have a sufficient number of	test stations.	
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Satisfactory
General Comment:	•	
All test leads are electrically conductive.		
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Satisfactory
General Comment:		
Documentation shows that cathodic protection is not affecting	ng adjacent pipelines.	
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Not Applicable
General Comment:		
Ameren has no corrosive gas in their gas system.		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Not Applicable

General Comment:		
No pipe was removed in 2014.		
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Not Applicable
General Comment:	·	
These records were inspected at the Plaza Decatur		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	Satisfactory
General Comment:		
Records are being maintained on atmospheric corrosion.		
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
General Comment:	•	
Records are being maintained where atmospheric corrosion	n was discovered.	
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	Satisfactory
General Comment:	•	
No pipe was removed.		
TRAINING - 83 IL ADM. CODE 520		Status
Category Comment:		
Training records are in the Pawnee Training Center.		
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Not Checked
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	Not Checked
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Not Checked
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Not Checked

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